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No. 2. University of Michigan Publications containing material of a scientific or learned character

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UNIVERSITY OF MICHIGAN PUBLICATIONS

Containing Material of a Scientific or Learned Character

COMPILED BY
ESTHER ANNE SMITH
Head Cataloger, General Library
University of Michigan

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UNIVERSITY OF MICHIGAN
ANN ARBOR
1922

UNIVERSITY OF TORONTO LIBRARY

PREFATORY NOTE

This list has been prepared following the request of the Association of American Universities, in accordance with the form recommended by its Committee on a Catalogue of University Publications.

Wm. W. Bishop,
Librarian.

May 1, 1922.

UNIVERSITY OF MICHIGAN PUBLICATIONS

1. Ann Arbor art association.

Exhibition of oriental and American art under the joint auspices of the Alumni memorial committee and the Ann Arbor art association, on the occasion of the opening of the Alumni memorial hall, University of Michigan. May 11 to 30, 1910. [Ann Arbor, 1910]

39 p. front., plates. 25½ cm.
Plates printed on both sides.
To be obtained on inter-library loan.

2. Bible. O. T. Deuteronomy. Greek.

Facsimile of the Washington manuscript of Deuteronomy and Joshua in the Freer collection, with an introduction by Henry A. Sanders. Ann Arbor, The University of Michigan, 1910.

x p., facsim. (201 p.) 41½ x 36½ cm.
"Edition of 265 copies."
"A companion volume containing a full discussion and collation of the manuscript" published simultaneously in University of Michigan studies, Humanistic series. vol. VIII. cf. Introd., p. [v].

3. Bible. N. T. Gospels. Greek.

Facsimile of the Washington manuscript of the four Gospels in the Freer collection, with an introduction by Henry A. Sanders. Ann Arbor, The University of Michigan, 1912.

3 p. l., [v]–x p., facsim. (372 p., 2 col. pl.) 35 cm.
"Edition of 435 copies."
A full discussion of the manuscript is contained in a companion volume, "The Washington manuscript of the four Gospels," by Henry A. Sanders, pub. simultaneously in the University of Michigan studies, Humanistic series, vol. IX, pt. 1. cf. Introd.

4. Campbell, Edward De Mille.

History of the Chemical laboratory of the University of Michigan, 1856–1916, by Edward D. Campbell . . . Ann Arbor, The University, 1916.

166 p. front., vii pl. (on 4 l.) 20 cm.
Bibliography: p. [21]–163.
To be obtained from the University Library by exchange.

5. Contributions to rhetorical theory, ed. by Fred Newton Scott . . .

no. 1–9.
no. 1–6 were not published by the University.

no. 1. Buck, Gertrude. Figures of rhetoric: a psychological study . . . [Ann Arbor, 1895] 27 p. 23 cm. o. p.

no. 2. Gore, Willard Clark. Student slang . . . [Ann Arbor, 1895] 29 p. 24 cm.
"Reprinted, with some changes and additions, from The Inlander for November and December, 1895." o. p.

no. 3. Denney, Joseph Villiers. Two problems in composition teaching . . . [Ann Arbor, The Inland press, 1896] 8 p. 23½ cm.
"Read at the joint conference of the Michigan school-masters' club and the Association of teachers of English of the North central states, Ann Arbor, November 27, 1896." o. p.

no. 4. Scott, Fred Newton. References on the teaching of rhetoric and composition . . .
No copy available for examination. o. p.

no. 5. Buck, Gertrude. The metaphor . . . Ann Arbor, The Inland press [1899] 2 p.l., 78 p. 26 cm.
Published also as a thesis. o. p.

no. 6. Bryant, Frank Egbert. On the limits of descriptive writing apropos of Lessing's Laocoon . . . Ann Arbor, The Ann Arbor press, 1906. 43 p. 25½ cm. o. p.

no. 7. The value of English to the practicing engineer. Ann Arbor, Library printing plant, 1906. 2 p. l., 9 p. 24½ cm. o. p.

no. 8. Snell, Ada Laura Fonda. Pause; a study of its nature and its rhythmical function in verse, especially blank verse . . . Ann Arbor [The Ann Arbor press] 1918. 2 p. l., 85 [1] p. diagrs. (2 fold.) 24½ cm.

Published also as a thesis.

no. 9. Snyder, Alice Dorothea. The critical principle of the reconciliation of opposites as employed by Coleridge . . . Ann Arbor [The Ann Arbor press] 1918. 3 p. l., 59 p. 24½ cm.

Published also as a thesis.

Numbers 8–9 may be obtained from the University Library by exchange.

6. Hayden, Joseph Ralston.

The Senate and treaties, 1789–1817, the development of the treaty-making functions of the United States Senate during their formative period, by Ralston Hayden . . . New York, The Macmillan company; London, Macmillan & company, 1920.

xvi, 237 p. 22 cm. [University of Michigan publications. Humanistic papers]

Bibliography: p. 217–226.

To be obtained from the University Library, by purchase or exchange. **$1.50**

7. Hinsdale, Burke Aaron.

The discovery of America. A commemoration address delivered in University hall, October 21, 1892...B. A. Hinsdale . . . [Ann Arbor] Pub. by the University, 1892.

31 p. 22½ cm.

To be obtained on inter-library loan.

8. Kelsey, Francis Willey, ed.

Latin and Greek in American education, with symposia on the value of humanistic studies, ed. by Francis W. Kelsey. New York, The Macmillan company; London, Macmillan & company, 1911.

x, 396 p. 22½ cm. (Half-title: University of Michigan publications. Humanistic papers)

Previously "published in the School review or the Educational review."–Pref. **o. p.**

9. Michigan law review . . . Ann Arbor, University of Michigan Law school, 1902–date.

v. 1, 1902/03–v. 20, 1921/22 (current) 25½ cm.

Published 8 times a year from November to June.

To be obtained by subscription or exchange (with Law school magazines only) from Michigan law review, Ann Arbor, Michigan.

$2.50 a year; Foreign subscr. $3.00

10. Michigan political science association.

Publications of the Michigan political science association. v. 1–v. 6, no. 1; May 1893–Mar. 1905. [Ann Arbor, The association, 1893–1905]

6 v. maps, diagrs. 24 cm.

Volumes 1–4, no. 2, out of print.

v. 1, no. 1, 1893. Cooley, Thomas McIntyre. State bank issues in Michigan. p. [4]–22. **o. p.**

Waldo, Dwight Bryant. A sketch of the origin, establishment, and workings of the national banking system, with special reference to issues. p. [23]–39.

Cooley, Thomas McIntyre. Federal taxation of the state bank currency. p. [40]–56.

Sherwood, Theodore Clark. Bank note circulation. p. [57]–65.

Cahill, Edward. President's address. p. [66]–77.

Barkworth, Thomas E. Should United States senators be elected by the people? p. [78]–97.

Meddaugh, Elijah W. The interstate commerce act. Its purpose, practical operation, partial failure and reason—with suggestions for its improvement. p. [98]–127.

Shaw, James T. The interstate commerce act from the shippers' standpoint. p. [128]–143.

no. 2, 1894. Storrs, Lucius C. Penological hints. p. [3]–40. **o. p.**

Russell, Alfred. Dissatisfaction with the Senate. p. [41]–48.

Adams, Henry Carter. Suggestions for a system of taxation. p. [49]–74.

Slocum, Arthur Gaylord. The relation of the church to political and social science. p. [75]–87.

Gorton, L. G. The province of agricultural colleges. p. [88]–96.

Russell, Alfred. Corporations in Michigan. p. [97]–108.

Adams, Henry Carter. Publicity and corporate abuses. p. [109]–120.

Barkworth, Thomas E. Eminent domain, its growth and limitations. p. [121]–129.

Chaney, Henry A. Alien suffrage. p. [130]–139.

no. 3, 1894. Cutcheon, S. M. Uniform legislation by the several states. p. [1]–8. o. p.

Russell, Alfred. Census bulletin no. 48 of 1891. p. [9]–17.

Rogers, Joseph Sumner. A national reserve for the exigency of war. p. [18]–32.

Cooley, Charles Horton. Competition and organization. p. [33]–45.

Davis, John Patterson. Corporations in the light of history. p. [46]–69.

Lee, Jay P. Suggestions for amendment of the laws governing corporations in the state of Michigan. p.[70]–75.

no. 4, 1895. Hutchins, Harry Burns. Legal education: its relation to the people and the state. p.[1]–25. o. p.

Kirchner, Otto. Local self-government, so called, as it is found in the constitution of Michigan. p.[26]–39.

Prall, William. Social evolution. By Benjamin Kidd. A critical review. p. [40]–54.

Richberg, John C. Incongruity of the divorce laws in the United States—a legal tangle. p. [55]–77.

no. 5, 1895. Travis, Ira Dudley. British rule in Central America . . . Ann Arbor, Argus print. co. 1 p. l., 36 p. o. p.

no. 6, 1896. Michigan political science association. City government in Michigan. 59 p. o. p.

Contents:—Some remarks upon the government of municipalities suggested by the experience, growth and development of the city of Grand Rapids. By J. W. Champlin.—City government in Kalamazoo. By Dallas Boudeman.—City government in Jackson. By W. H. Withington.—City government in Saginaw. By W. L. Webber.—City government in Detroit. By C. A. Kent.

v. 2, no. 1, 1896. Taylor, Fred Manville. Do we want an elastic currency? 28 p. o. p.

no. 2, 1896. Soule, Annah May. The southern and western boundaries of Michigan. 2. p. l., 71, [2] p. maps. o. p.

no. 3, 1896. Hinsdale, Burke Aaron. The real Monroe doctrine. p. [1]–19. o. p.

Cahill, Edward. The United States and the peace of the world. p. 20–45.

no. 4, 1896. Hudson, Richard. Municipal government in Europe. p. [1]–11. o. p.

Grant, John Henry. State supervision of cities. p. 12–51.

no. 5, 1897. Moore, Charles. The discoverers of Lake Superior. 13 p. 25 cm. o. p.

no. 6, 1897. Coutts, William Alexander. Agricultural depression in the United States. Its causes and remedies. viii, 96 p. diagr. o. p.

no. 7, 1897. Champlin, John Wayne. Industrial prosperity and the means for bringing it about. p. [1]–26. o. p.

Webber, William Lewis. Labor in relation to the production of wealth. p. [27]–34.

no. 8, 1897. Haight, Walter Charles. The binding effect of the ordinance of 1787. 60 p. o. p.

no. 9, 1897. Webber, William Lewis. The relations of corporations to the state. 15 p. o. p.

v. 3, no 1, 1898. Adams, Mary Joice. The history of suffrage in Michigan. 1 p. l., 56 p. o. p.

no. 2, 1898. Barnes, Orlando Mack. The popular initiative and referendum. 24 p. o. p.

no. 3, 1898. Barbour, Levi Lewis. Indeterminate sentence. 27 p. o. p.

no. 4, 1898. Hill, Arthur J. The pine industry in Michigan. 17 p.

Jointly with John Bertram. o. p.

no. 5, 1899. Wright, James N. The development of the copper industry of northern Michigan. 15 p. o. p.

no. 6, 1899. White, Peter. The mining industry of northern Michigan. 19 p. o. p.

no. 7, 1899. Adams, Romanzo Colfax. Agriculture in Michigan: a sketch. 40 p. o. p.

no. 8, 1900. Travis, Ira Dudley. The history of the Clayton-Bulwer treaty. ix, 312 p. front. (fold. map). o. p.

v. 4, no. 1, 1900. Keith, Hannah Emily. An historical sketch of internal improvements in Michigan, 1836–1846. 48 p. fold. map. o. p.

no. 2, 1900. Higgins, Samuel Gaty. The salt industry in Michigan. 11 p. o. p.

no. 3, 1900. Phillips, John Burton. Methods of keeping the public money of the United States. viii, 159 [1] p.

Thesis (Ph.D.)—Cornell university.

no. 4, 1901. Michigan political science association. Taxation in Michigan and elsewhere. 76 p.

Contents.—The importance of good tax laws. H. H. Hollister. —The purpose and working of the Michigan State tax commission. M. D. Campbell.—The state taxation of inter-state properties. E. R. A. Seligman.—A separation of state and local finances. H. M. Oren.—Some history of the struggle in Illinois to realize equality in taxation. H. B. Hurd.—Remarks on the general problem of tax reform. E. R. A. Seligman.—Michigan railroad appraisal—Valuation of physical properties. M. E. Cooley. The valuation of the non-physical elements in railways. H. C. Adams.

no. 5, 1902. Bowman, H. M. The Iowa board of control; a centralized system of administration for state institutions. 26 p.

no. 6, 1902. Michigan political science association. Social problems of the farmer; papers read at the joint meeting of the Michigan political science association and the Michigan farmers' institutes, February 25th and 26th, 1902. 159 p.

Contents.—The economic value of industrial education. J. L. Snyder.—Higher education and the people. H. C. Adams.—Discussion of the preceding papers. H. R. Pattengill.—The decrease of rural population in the Southern Peninsula of Michigan. C. H. Cooley.—Changes demanded in the educational system of rural communities. L. D. Harvey.—The rural school problem in Michigan. D. Fall.—The origin and development of forest work in the United States. G. B. Sudworth.—The forestry problem in Michigan. E. A. Wildey.—Discussion of the forestry question. C. A. Davis.—Needs and possibilities of organization among farmers. G. B. Horton.—The church as a center of rural organization. G. Taylor.—Discussion of the preceding papers. K. L. Butterfield.—The dependence of agriculture upon transpor-

tation. E. A. Prouty.—The Agricultural department and its relation to the farmer. J. Wilson.—Agriculture and the home market. E. D. Jones.—Canada, what she has done for the farmer by organization. G. C. Creelman.

v. 5, no. 1, 1902. Schaffner, Margaret Anna. The territorial tax legislation of Michigan. 46 p.

At head of title: Studies in Michigan history.

no. 2, 1903. Michigan political science association. Convention of educators and business men for the discussion of higher commercial education . . . Ann Arbor, The Richmond & Backus co. vii, 229 p. 25 cm.

Contents:—Remarks by the president of the Michigan political science association. A. Hill.—Address of welcome. J. B. Angell.—Recent tendencies in education as a result of social and industrial changes. E. J. James.—Place of commercial education in a university course. W. A. Scott.—Remarks concerning the Amos Tuck school of Dartmouth college. H. S. Person.—Co-ordination of high school and university instruction in commercial education. C. A. Herrick.—The function of the business community in higher commercial education. E. D. Jones.—What can a university contribute to prepare for business life? I. The reply of the manufacturer. D. M. Parry. II. The reply of the transporter. E. H. Abbott. III. The reply of the wholesale dealer. A. C. Bartlett. IV. The reply of the corporation lawyer. J. B. Dill.—The functions of technical science in education for business and the professions. R. H. Thurston.—Discussion of Dr. Thurston's paper. H. S. Carhart.—Training needed for consular service. G. M. Fisk.—Essential elements in the education of a U. S. consular officer. J. C. Monaghan.—Discussion.

no. 3, 1903. Bolt, Richard Arthur. Juvenile offenders in the city of Detroit. With suggestions for the establishment of a juvenile court and probation system . . . [Ann Arbor] Ann Arbor plant, The Richmond & Backus co. 2 p. l., 64 p. 24½ cm.

no. 4, 1904. Michigan political science association. Papers and discussions on municipal problems in Michigan . . . Ann Arbor, The Richmond & Backus co. viii, 204 p. 25 cm.

Contents:—Suggestions for and against municipal ownership of public utilities. C. A. Kent.—Annual address. J. F. Bilbie, President of the League of Michigan municipalities.—Report of

secretary. J. A. Fairlie.—The League of Wisconsin municipalities. S. E. Sparling.—The enforcement of the criminal laws of the state in cities and villages. C. B. Grant.—The legislature and local bills. D. E. Heineman.—Municipal home rule; city charters framed by municipal conventions. D. F. Wilcox.—Merit in municipal administration. S .D. Callender.—Uniform municipal accounting. C. C. Brown.—Direct primary elections. C. C. Simons.—Public works in Detroit. W. H. Maybury.—Sanitary sewers in small cities. E. R. Nellis.—Tar-macadam pavements. J. W. Inches.—The water supply of cities. V. C. Vaughan.—Some requisites of a good city charter. E. Swarthout.

v. 6, no. 1, 1905. Michigan political science association. Papers and addresses on primary reform . . . 149 p. 25 cm.

Contents:—Direct primaries in Kent County. R. W. Butterfield.—Forty years of direct primaries. E. L. Hempstead.—Direct primaries in Minnesota. J. A. Fairlie, D. F. Simpson, W. A. Schaper and F. M. Anderson.—The new primary law in Wisconsin. H. L. Smith.—The New York primary law. H. A. Bull.—The Bronson primary law in Ohio. A. H. Tuttle.—The Chicago primary system. C. E. Merriam.—Constitutional limitations on primary election legislation. F. R. Mechem.

No more published.

v. 4, no. 3–v. 6 to be obtained from the University Library by exchange; v. 1–4, no. 2 on inter-library loan.

11. The Michigan technic . . . University of Michigan. Official quarterly publication of the Engineering college. Ann Arbor, Engineering society, 1888–date.

n. s. no. [1]–10 (o. s. no. 4–13) 1888–1897; n. s. no. 11–16, 1898–1903; v. 17, 1904–v. 34, 1921/22 (current) fronts., illus., plates, ports., tables, diagrs. 23 cm.

Title varies: 1888–1902, The Technic . . . Subtitle varies.

1888–1904, published annually; 1905–09, semi-annually; 1911–May, 1912, irregular (1911, 3 nos.; 1912, 2 nos.); Dec. 1912–April, 1913, monthly.

None issued in 1901.

Continued from Michigan. University. Engineering society. Selected papers . . . 3d ser., 1884–1885. **$1.00 a year**

To be obtained from the University Library by exchange, or by

purchase from the Engineering society of the University of Michigan, Ann Arbor, Michigan.

12. Michigan. University.

Contributions; obstetrics and gynecology . . . Ann Arbor, 1906–1918.

v. 1–4. illus., plates., port. 24 cm.

Consists of pamphlets (and reprints) by Dr. Reuben Peterson, bound with general t.-p. and contents.

v. 1, 1893–1905; v. 2, 1905–11; v. 3, 1912–14; v. 4, 1915–18.

v. 1–2, o. p.; v. 3–4 to be obtained from the University Library by exchange.

13. Michigan. University.

Educational problems in college and university; addresses delivered at the educational conference held at the University of Michigan, October fourteenth, fifteenth and sixteenth, nineteen hundred and twenty, on the occasion of the inauguration of President Marion LeRoy Burton . . . Ed. by John Lewis Brumm. Ann Arbor, Pub. by the University of Michigan, 1921.

2 p. l., [iii], 296 p. 26 cm.

To be obtained from the University Library by exchange.

14. Michigan. University.

Exercises at the inauguration of President Angell and the laying of the corner-stone of University hall. Ann Arbor, Pub. by the University, 1871.

33 p. 23½ cm. o. p.

15. Michigan. University.

Field studies in botany . . . Prepared by the Botanical department. [Ann Arbor] The University, 1906.

5 nos. illus. 23 cm. (University bulletin, n. s. v. 7, no. 5, 9–10, 14–15. Botanical series no. 1–5) o. p.

no. 1. Burns, George Plumer. Preparation for field work. Stearns, Francis L. Gullies and ravines. 16 p.

no. 2. Burns, George Plumer. River studies. 13 p. illus.
no. 3. Davis, Charles Albert. Wood-lot studies. 16 p. illus.
no. 4. Burns, George Plumer. Bog studies. 13 p. illus.
no. 5. Davis, Charles Albert. Field work in towns and cities. 11 p. illus.

No more published.

To be obtained on inter-library loan.

16. Michigan. University.

Humanistic papers. 2d series. [Ann Arbor] 1911–13.

3 nos. 24 cm. (University bulletin, n. s. v. 13, no. 5–6; v. 15, no. 5)

Reprinted from the School review, 1911–1913. o. p.

I. The languages in American education. From the Proceedings of the Michigan schoolmasters' club and Classical conference held at Ann Arbor, Michigan, March 30, 1911. 64 p.

II. Reform in grammatical nomenclature; a symposium from the Proceedings of the Michigan schoolmasters' club and Classical conference held at Ann Arbor, Michigan, April 1, 1911. 64 p.

III. More, Paul Elmer. The paradox of Oxford . . . [Ann Arbor] 1913. 1 p. l., 19 p.

"From the Proceedings of the Michigan schoolmasters' club and Classical conference held at Ann Arbor, Michigan, April 4, 1913."

No more published.

To be obtained on inter-library loan.

17. Michigan. University.

. . . Laying of the corner-stone of the new Medical building, Tuesday, the fifteenth of October, 1901. [No imprint]

4 p. l., 13–64 p. front., pl. 27 cm.

p. 13–24, Cardiac asthenia, by John A. McCorkle.

p. 47–62, The art of healing, and the science of medicine, by J. G. Adami.

To be obtained from the University Library by exchange.

18. Michigan. University.

A memorial of the seventy-fifth anniversary of the founding of the University of Michigan, held in commencement week, June 23 to June 27, 1912. Ann Arbor, The University, 1915.

vii, [1], 216, [1] p. 25½ cm.
To be obtained on inter-library loan. o. p.

19. Michigan. University.

Philosophical papers. First [-second] series. Ann Arbor, Andrews & co., 1886–1888.

8 nos.
1st series published by Andrews & Witherby.
1st ser., no. 1. Morris, George Sylvester. University education . . . 1886. cover-title, 40 p. 22 cm. o. p.
no. 2. Thomas, Calvin. Goethe and the conduct of life . . . cover-title, 28 p. 23½ cm.
no. 3. Payne, William Harold. Contribution to the science of education values . . . 1886. cover-title, 29 p. 23½ cm.
no. 4. Sewall, Henry. Herbert Spencer as a biologist [and Burt, Benjamin Chapman]. Some relations between philosophy and literature . . . 1886. cover-title, 13, 18 p. 23½ cm.
2d ser., no. 1. Dewey, John. The ethics of democracy . . . 1888. cover-title, 28 p. 23½ cm.
no. 2. Winchell, Alexander. Speculative consequences of evolution. 1888. cover-title, 24 p. 25½ cm.
no. 3. Walter, Edward Lorraine. Lessing on the boundaries of poetry and painting. 1888. cover-title, 31 p. 25 cm.
no. 4. Cook, Webster. The ethics of Bishop Butler and Immanuel Kant. 1888. cover-title, iv, 52 p. 24½ cm.
Published also as a thesis.
No more published.
To be obtained on inter-library loan.

20. Michigan. University.

University of Michigan. 1837–1887. The semi-centennial celebration of the organization of the University

of Michigan, June 26–30, 1887. Ann Arbor, The University, 1888.

vii, 318 p. 26 cm.

To be obtained from the University Library by exchange.

21. Michigan. University.

University of Michigan, 1871–1896; the quarter-centennial celebration of the presidency of James Burrill Angell . . . June 24, 1896. Ann Arbor, The University, 1896.

vii, 92 p. 25 cm.

To be obtained from the University Library by exchange.

22. Michigan. University.

University of Michigan historical studies. Published under the direction of the Department of history. [Ann Arbor, G. Wahr] 1911–

v. I–III.

Published also as theses.

I. Hinsdale, Mary Louise. A history of the president's cabinet. 1911. ix, 355 p. 23 cm. $2.00

II. Marsh, Frank Burr. English rule in Gascony, 1199–1259, with special reference to the towns. 1912. 3 p. l., [v]–xi, 178 p. 22½ cm. $1.25

III. Quillin, Frank Uriah. The color line in Ohio; a history of race prejudice in a typical northern state. 1913. 3 p. l., [ix]–xvi, 178 p. incl. maps. 22½ cm. $1.50

To be obtained from the University Library by purchase or exchange.

23. Michigan. University.

University of Michigan studies. Humanistic series. [New York, The Macmillan company; London, Macmillan & co., 1904–]

v. I–XII, XIV illus.

v. i. Sanders, Henry Arthur, ed. Roman historical sources and institutions . . . 1904. 4 p. l., 402 p. diagr. 22½ cm. $2.50

Contents: The myth about Tarpeia, by H. A. Sanders.—The movements of the chorus chanting the Carmen saeculare of Horace, by W. Dennison.—Studies in the lives of Roman empresses: Julia Mamaea, by Mary G. Williams.—The attitude of Dio Cassius toward epigraphic sources, by D. R. Stuart.[Published also as a thesis]—The lost epitome of Livy, by H. A. Sanders.—The principales of the early empire, by J. H. Drake. [Published also as a thesis]—Centurions as substitute commanders of auxiliary corps, by G. H. Allen. [Published also as a thesis.]

v. ii. Adams, Edward Larrabee. Word-formation in Provençal. 1913. xvii, 607 p. 22½ cm. $4.00

v. iii. Meader, Clarence Linton; ed. Latin philology . . . 1910. 4 p. l., 290 p. 22½ cm. $2.00

pt. i. Meader, Clarence Linton. The usage of idem, ipse and words of related meaning . . . 2 p. l., 111 p. $0.75

pt. ii. Stewart, Manson Alexander. A study in Latin abstract substantives . . . 2 p. l., [113]–178 p. $0.40

Published also as a thesis.

pt. iii. Swan, Frederick Tyndall. The use of the adjective as a substantive in the De rerum natura of Lucretius . . . 2 p. l., [179]–214 p. $0.40

Published also as a thesis.

pt. iv. Armstrong, Henry Herbert. Autobiographic elements in Latin inscriptions . . . 2 p. l., [215]–286 p. $0.40

Published also as a thesis.

v. iv. Sanders, Henry Arthur. Roman history and mythology . . . 1910. 4 p. l., 427 p. tab. 22½ cm. $2.50 o. p.

pt. i. Butler, Orma Fitch. Studies in the life of Heliogabalus . . . vi, 169 p. $1.25

Published also as a thesis.

pt. ii. Winter, John Garrett. The myth of Hercules at Rome . . . 2 p. l., [171]–273 p. diagr. $0.50

Published also as a thesis.

pt. iii. Evans, Alvin Eleazer. Roman law studies in Livy . . . 1 p. l., [275]–354 p. $0.40

Published also as a thesis.

pt. iv. Woodruff, Loura Bayne. Reminiscences of Ennius in Silius Italicus . . . 2 p. l., [355]–424 p. $0.40

Published also as a thesis.

v. v. Patton, Carl Safford. Sources of the synoptic Gospels . . . 1915. xiii, 263 p. 22½ cm. $1.30

Published also as a thesis.

v. vi. Fairbanks, Arthur. Athenian lekythoi, with outline drawing in glaze varnish on a white ground . . . 1907. ix, [1] 371 p. incl. front. (tab.) illus. xv pl. 28 cm. $4.00

v. vii. Fairbanks, Arthur. Athenian lekythoi with outline drawing in matt color on a white ground . . . 1914. 3 p. l., v–ix, 275 p. xli pl. 28 cm. $3.50

v. viii. Sanders, Henry Arthur, ed. Old Testament manuscripts in the Freer collection . . . 1917. vii p., 1 l., 357 p. 9 facsims. (5 double, incl. front.) 28 cm. $3.50

pt. i. The Washington manuscript of Deuteronomy and Joshua, by Henry A. Sanders . . . 1910. 3 p. l., 104p. iii facsims. $1.25

pt. ii. The Washington manuscript of the Psalms, by Henry A. Sanders . . . 1917. 3 p. l., 107–349 p. 6 facsims. (5 double incl. front.) $2.00

v. ix. Sanders, Henry Arthur, ed. New Testament manuscripts in the Freer collection . . . 1918. x p., 1 l., 323 p. viii facsims. (incl. front.) 28 cm. $3.50

pt. i. The Washington manuscript of the four Gospels, by Henry A. Sanders. Published separately in 1912. Republished in completed volume, with slight revisions and additions . . . 247 p. v facsims. $2.00

pt. ii. The Washington manuscript of the Epistles of Paul, by Henry A. Sanders . . . 251–315 p. facsim. vi–viii. $1.25

v. x. Worrell, William Hoyt, ed. The Coptic manuscripts in the Freer collection. (Incomplete)

pt. i. The Coptic Psalter in the Freer collection. Ed. by William H. Worrell . . . 1916. 3 p. l., v–xxvi, 112 p. vi pl. (incl. front.) 27½ cm. $2.00

v. xi. Contributions to the history of science. (Incomplete)

pt. i. Muhammad ibn Musa, al-Khuwarazmi. Robert of Chester's Latin translation of the Algebra of al-Khowarizmi, with an introduction, critical notes and an English version by Louis Charles Karpinski . . . 1915. vii, 164 p. iv facsims. (incl. front.) diagrs. 27 cm. $2.00

pt. ii. Steno, Nicolaus. The prodromus of Nicolaus Steno's dissertation concerning a solid body enclosed by process of nature within a solid; an English version with an introduction and explanatory notes by John Garrett Winter . . . 1916. vii, 169–283 p. front., illus., plates, port., facsims. 27 cm. $1.30

v. xii. Studies in East Christian and Roman art . . . 1918. xiii, 175 p. col. front., illus., plates (part col., part double) port. 28 cm. $4.75

pt. i. Morey, Charles Rufus. East Christian paintings in the Freer collection . . . 1914. xiii, 86 p. illus., xiii pl. (10 col., incl. col. front.) on 9 l. $2.50

pt. ii. Dennison, Walter. A gold treasure of the late Roman period from Egypt . . . 3 p. l., 89–175 p. double front., illus., plates (part double) port. $2.50

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pt. i. Boak, Arthur Edward R. The master of the offices in the later Roman and Byzantine empires . . . 1919. x, 160 p. 27½ cm. $1.00

To be obtained from the University Library, by purchase or exchange.

Volumes 3–4, 8–12, 14, parts also sold separately, usually in paper covers.

24. Michigan. University.

University of Michigan studies. Scientific series. [New York, The Macmillan company, 1914–]

v. I–II.

I. Shepard, John Frederick. The circulation and sleep; experimental investigations accompanied by an atlas . . . 1914. ix, 83 p. 27½ cm. and atlas of 63 pl. 22 x 28½ cm. $2.50

II. Ford, Walter Burton. Studies in divergent series and summability . . . 1916. 2 p. l., iii–xi, 194 p. diagrs. 27½ cm. $2.50

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25. Michigan. University. Chemical laboratory.
Contributions . . . I–III, 1875–77. Philadelphia, Collins, 1875–77.

3 nos. 19 cm.
no. 2–3 published in New York by Trow's printing and bookbinding company.
No. I–II by Albert B. Prescott; no. III by Victor C. Vaughan and Samuel T. Douglass.
No more published.
To be obtained on inter-library loan. o. p.

26. Michigan. University. Chemical laboratory.
Contributions . . . Ed. by Albert B. Prescott . . . and Victor C. Vaughan . . . v. 1, pt. 1. Ann Arbor, 1882.

1 no. 19 cm.
"Reprinted from the August and September numbers of the Physician and surgeon."
No more published.
To be obtained on inter-library loan. o. p.

27. Michigan. University. Clinical society.
Transactions . . . Oct. 1909–[June 1918] Vol. 1 [–9] Ann Arbor, 1910–18.

9 v. illus., plates. 25 cm.
Ceased publication.
To be obtained from the University Library by exchange.

28. Michigan. University. Clinical society.
General index to the Clinical transactions of the University of Michigan. Volumes one to nine, 1909–1918. Ed. by Reuben Peterson, M.D. Ann Arbor, [1918]

20 p. 25 cm. (With its Transactions. v. 9.)
To be obtained from the University Library by exchange.

29. Michigan. University. Detroit observatory.

Publications of the Astronomical observatory . . . Ann Arbor, The University, 1912–16.

v. I–II. front., illus., plates, diagrs. 29 cm.

Contents: v. I. A general account of the Observatory, by W. J. Hussey. The single-prism spectograph of the Detroit observatory, by R. H. Curtiss. The registration of earthquakes at the Detroit observatory from August 16, 1909, to January 1, 1912, by W. M. Mitchell. Miscellaneous Observatory notes, by W. J. Hussey and R. H. Curtiss. The geographical position of the Observatory of the University of Michigan, by R. H. Curtiss. A determination of the visual light curve of Beta Lyrae, by R. H. Curtiss. Some possible characteristics of Cepheid variable stars, by R. H. Curtiss. Studies of the spectra of Delta and Epsilon Orionis, by R. H. Curtiss. The spectrum and radial velocity of ψ Persei and the brightest component of β Monocerotis, by P. W. Merrill. The radial velocity of Maia, by P. W. Merrill. A study of the titanium spark as a companion spectrum in the single prism spectograph, by L. L. Mellor. Observations of double stars at La Plata. Thirteenth catalogue, by W. J. Hussey. Observations of southern stars, by W. J. Hussey. Observations of comets and minor planets. Registration of earthquakes at the Detroit observatory during the year 1912, by W. M. Mitchell. The registration of earthquakes at the Detroit observatory during the year 1913, by P. W. Merrill.—v. II. Studies of the class B stellar spectra containing emission lines, by R. H. Curtiss. Spectroscopic observations of stars of class Md, by P. W. Merrill. A spectrum of the P Cygni type, by P. W. Merrill. A study of the spectrum of Zeta Ursae majoris, by L. Hadley. [Published also as a thesis.] An investigation of the spectra of stars belonging to class R of the Draper classification, by W. C. Rufus. [Published also as a thesis.] A study of Beta Cephei, by C. Crump. [Published also as a thesis]. The spectrum and radial velocity of Rho Leonis, by B. H. Dawson. The registration of earthquakes at the Detroit observatory during the years 1914 and 1915, by P. W. Merrill. Observatory notes.

To be obtained from the University Library by exchange.

30. Michigan. University. Detroit observatory.

Transactions of the Detroit observatory . . . Part I . . . [Ann Arbor] 1904.

[35]–88 p. 24 cm.

"Reprinted from the fourth Report of the Michigan academy of science. 1904."

No more published. Succeeded, 1921, by its Publications.

pt. I. Hall, Asaph, jr. Determination of the aberration constant from zenith distances of Polaris, measured with the Walker meridian circle.

To be obtained on inter-library loan. o. p.

31. Michigan. University. Electro-therapeutic laboratory.

Bulletin . . . Ann Arbor, Inland press, 1894–97.

4 v. in 1. illus. 23 cm. quarterly.

Caption title.

No more published.

To be obtained on inter-library loan. o. p.

32. Michigan. University. Engineering society.

Selected papers read before the Engineering society of the University of Michigan. 1882–83–[1884–'85] Ann Arbor, The Engineering society, 1883–85.

3 v. 23½ cm.

v. 2–3 called 2d–3d series.

No more published. Continued, 1888, as The Technic, no. 4 (n. s. no. 1) (later the Michigan technic) o. p.

33. Michigan. University. Library.

The library building, with the addresses at the dedication, January seventh, 1920. Ann Arbor, 1920.

36 p. incl. front., illus., plans. 25½ cm.

Contents:—The new library building, by W. W. Bishop, librarian. [Mainly reprinted from Library journal, October, 1919]—Addresses: The history of the new library building, by W. W. Bishop. The plans of the new building, by Albert Kahn, architect. The library, democracy and research, by R. R. Bowker.—The opening exhibit.

To be obtained from the University Library by exchange.

34. Michigan. University. Library.

Public exercises on the completion of the library building of the University of Michigan, Dec. 12, 1883. Ann Arbor, The University, 1884.

47 p. 23 cm.

To be obtained from the University Library by exchange.

35. Michigan. University. Library.

Publications . . . [Ann Arbor, University of Michigan, 1919–]

no. 1–2.

Editor: 1919— . Wm. W. Bishop.

no. 1. Michigan. University. Library. A catalogue of the Dr. Samuel A. Jones Carlyle collection, with additions from the General library. Comp. by Mary Eunice Wead . . . 1919. xi, 119 p. front. (port.) 22½ cm. $1.25

no. 2. Michigan. University. Library. University of Michigan publications containing material of a scientific or learned character. Comp. by Esther Anne Smith . . . 1922.

To be obtained from the University Library, by purchase or exchange.

36. Michigan. University. Museum of fine arts and history.

Descriptive catalogue of the Museum of art and antiquities, in the University of Michigan. Ann Arbor, E. B. Pond, 1858.

37 p. 18½ cm. o. p.

37. Michigan. University. Museum of fine arts and history.

Catalogue of the Museum of art and history in the University of Michigan. By Henry S. Frieze . . . Ann Arbor, Pub. by the University, 1876.

80 p. 23 cm. o. p.

38. Michigan. University. Museum of fine arts and history.

Catalogue of the Gallery of art and archaeology in the University of Michigan. By Martin L. D'Ooge . . . Ann Arbor, Pub. by the University, 1892.

94 p. front., pl. 19 cm. o. p.

39. Michigan. University. Museum of fine arts and history.

Catalogue of the Gallery of art and archaeology in the University of Michigan. By Martin L. D'Ooge . . . Ann Arbor, Pub. by the University [1902]

116 p. front., 6 pl. 18 cm. o. p.

40. Michigan. University. Museum of fine arts and history.

Catalogue of the Gallery of art and archaeology in the University of Michigan. By Martin L. D'Ooge . . . Ann Arbor, Pub. by the University [1906]

125 p. front., 7 pl. 18½ cm.

To be obtained from the University Library by exchange.

41. Michigan. University. Museum of zoology.

Miscellaneous publications . . . Ann Arbor, The University, 1916–

no. 1–6. 25½ cm.

no. 1. Williamson, Edward Bruce. Directions for collecting and preserving specimens of dragon-flies for museum purposes . . . 1916. 15 p. illus.

no. 2. Williamson, Edward Bruce. An annotated list of the Odonata of Indiana . . . 1917. 12 p. map.

no. 3. Williamson, Edward Bruce. A collecting trip to Colombia, South America . . . 1918. 24 p.

no. 4. Dodge, Charles Keene. Contributions to the botany of Michigan . . . 1918. 14 p.

no. 5. Dodge, Charles Keene. Contributions to the botany of Michigan. II . . . 1918. 44 p. fold. map.

no. 6. Walker, Bryant. A synopsis of the classification of the fresh-water mollusca of North America, north of Mexico, and a catalogue of the more recently described species, with notes . . . . 1918. 213 p. front., illus.

To be obtained from the University Library by exchange.

42. Michigan. University. Museum of zoology.

Occasional papers . . . Ann Arbor, Pub. by the University, 1913–

no. 1, Dec. 1913–no. 110, February, 1922. illus. 24 cm. irregular.

To be obtained from the University Library by exchange.

43. Michigan. University. Pathological laboratory.

Contributions . . . Reprints . . . Ann Arbor, 1906–

v. 1, 1896–1902–v. 10, 1920–21. illus., plates. 24 cm.

Aldred Scott Warthin, director.

v. 9, 1918/19 consists of a "Special number" with title: Researches on the pathology of mustard gas (dichlorethyl-sulphide) poisoning.

v. 1–8, o. p.; v. 9–10 to be obtained from the University Library by exchange.

44. Michigan. University. Physical laboratory.

Contributions . . . Ann Arbor, 1913–

no. 1–5, April 1913–June 1921. 25 cm.

Reprints and pamphlets.

no. 1–3, o. p.; no. 4–5 to be obtained from the University Library by exchange.

45. Michigan. University. Politicalscience association.

Constitutional history of the United States as seen in the development of American law; a course of lectures before the Political science association of the University of Michigan . . . New York & London, G. P. Putnam's sons, 1889.

296 p. 22 cm. **o. p.**

Contents:—Introduction, by Professor Henry Wade Rogers.—I. The federal Supreme court—its place in the American constitutional system, by Thomas M. Cooley.—II. Constitutional development in the United States as influenced by Chief-Justice Marshall, by Henry Hitchcock.—III. Constitutional development in the United States as influenced by Chief-Justice Taney, by George W. Biddle.—IV. Constitutional development in the United States as influenced by the decisions of the Supreme court since 1865, by Charles A. Kent.—V. The state judiciary—its place in the American constitutional system, by Daniel H. Chamberlain.

46. Michigan. University. School of education.

Study no. 1– . . . Ann Arbor, Pub. by the School of education, 1921–

no. 1. Packer, P. C. & Moehlman, A. B. A preliminary study of standards of growth in the Detroit public schools . . . 1921. cover-title, 46 p. incl. tables, diagrs. 23 cm.

no. 1, o. p. Succeeding numbers to be obtained from the School of education, University of Michigan, Ann Arbor, Michigan.

47. Michigan. University. Stearns collection of musical instruments.

Catalogue of the Stearns collection of musical instruments, by Albert A. Stanley. Ann Arbor, The University of Michigan, 1918.

1 p. l., [5]–260 p. front. (port.) plates, plan. 25½ cm.
Bibliography: p. [223]–234. o. p.

48. Michigan. University. Stearns collection of musical instruments.

Catalogue of the Stearns collection of musical instruments, by Albert A. Stanley. 2d ed. Ann Arbor, The University of Michigan, 1921.

1 p. l., [5]–276 p., 1 l. front. (port.) plates, plan. 25½ cm.
Bibliography: p. [235]–248.
To be obtained from the University Library by purchase or exchange. $4.00

49. Michigan. University. Undergraduate journal club in pediatrics.

Collected papers. Department of pediatrics, University of Michigan . . . Undergraduate journal club in pediatrics. 1913. [New York, E. B. Treat & co.] 1914.

80 p. 22 cm.
"Reprinted from Archives of pediatrics, New York."
To be obtained from the Department of pediatrics, University of Michigan hospital, Ann Arbor, Michigan.

50. Michigan university medical journal. Conducted by the faculty of the Medical department . . . Ann Arbor, R. A. Beal, [1870–1873]

3 v. 23½ cm. monthly.
No more published. o. p.

51. Plautus, Titus Maccius.

T. Macci Plavti Menaechmi. The Menaechmi of Plautus, with a translation by Joseph H. Drake . . . New ed. New York, The Macmillan company; London, Macmillan & company, 1916.

xi, 129 p. 17 cm. (University of Michigan publications. Humanistic volumes)
1st ed., 1890.
To be obtained from the University Library by purchase or exchange. $0.60

52. Wenley, Robert Mark.

The life and work of George Sylvester Morris; a chapter in the history of American thought in the nineteenth century, by R. M. Wenley. New York, The Macmillan company; London, Macmillan & company, 1917.

3 p. l., v–xv, 332 p. front. (port.) 22½ cm. (University of Michigan publications)

"Writings of G. S. Morris": p. XI–XV.

To be obtained from the University Library by purchase or exchange. $1.50

THESES

Theses may be obtained from the University Library on inter-library loan, or by exchange, if copies remain in stock.

53. Adams, Ephraim Douglass.

The control of the purse in the United States government . . . [Lawrence, Kan., 1894]

1 p. l., 175–232, iv p. 23½ cm.

Thesis (Ph.D.)—University of Michigan, 1890.

"Reprinted from the Kansas university quarterly for April. 1894." o. p.

54. Allen, George Henry.

Centurions as substitute commanders of auxiliary corps. (In University of Michigan studies. Humanistic series. v. 1, 1904. p. [333]–394)

[Thesis (Ph.D.)—University of Michigan, 1905] o. p.

55. Allen, Herbert Francis.

A study of the comedies of Richard Brome, especially as representative of dramatic decadence . . . [Stanford University, Stanford university press] 1912.

61, [1] p. 23 cm.

Thesis (Ph.D.)—University of Michigan, 1909.

Bibliography: p. [3]–4. o. p.

56. Armstrong, Henry Herbert.

Autobiographic elements in Latin inscriptions. New York, London, The Macmillan company, 1910.

2 p. l., [215]–286 p. 22½ cm. (University of Michigan studies. Humanistic series. vol. III, pt. IV)

[Thesis (Ph.D.)—University of Michigan, 1905]

57. Atwell, Wayne Jason.

The development of the hypophysis cerebri of the rabbit (Lepus cuniculus [L.) . . . Philadelphia, [1918]

1 p. l., 271–337 p. illus. 27 cm.
Thesis (Ph.D.)—University of Michigan, 1917.
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" Author's abstract of this paper issued by the Bibliographic service, July 19."
"Literature cited": p. 334–337.

58. Austin, Mrs. Sarah Divina (Mackay)

A study in logical memory . . . [Baltimore, 1921]

1 p. l., 370–403 p. incl. tables, diagr. 22½ cm.
Thesis (Ph.D.)—University of Michigan, 1920.
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59. Bacon, Grace Mabel.

The personal and literary relations of Heinrich Heine to Karl Immermann . . . [Montpelier, Vt., City press] 1910.

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60. Bailey, Benjamin Franklin.

Induction coils; a theoretical and experimental research . . . Lancaster, Pa., Press of the New era printing company, 1908.

1 p. l., [358]–395 p., 1 l. diagrs. 25 cm.
Thesis (Ph.D.)—University of Michigan, 1907.
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Bibliography on last leaf. o. p.

61. Baldwin, Frederick Amos.

Pathological anatomy of experimental nagana . . . Chicago, [1904]

[1], 544–550 p. 26 cm.
Thesis (D.Sc.)—University of Michigan, 1904.
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62. Barker, Ernest Franklin.

Selective radiation from osmium filaments . . . [Lancaster, Pa., and Ithaca, N. Y., 1916]

cover-title, [451]–471 p. diagrs. 25½ cm.
Thesis (Ph.D.)—University of Michigan, 1915.
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63. Bartell, Floyd Earl.

I. The pore diameters of osmotic membranes. II. The permeability of porcelain and copper ferrocyanide membranes . . . Easton, Pa., Eschenbach printing co., 1912.

[1], [318]–335, [659]–674 p. illus. 25½ cm.
Thesis (Ph.D.)—University of Michigan, 1910.
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Macrinus and Diadumenianus . . . Menasha, Wis., George Banta publishing company, 1920.

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65. Batson, William Howard.

Acquisition of skill . . . [Princeton, Princeton university press, 1916]

3 p. l., 90, [2] p. pl., diagrs. (part fold.) 25 cm.
Thesis (Ph.D.)—University of Michigan, 1915.
"Published as no. 91 of the Psychological monographs."
Bibliography: p. [1] at end. o. p.

66. Behrens, Charles August.

An attenuated culture of Trypanosoma brucei . . . [Chicago, 1914]

cover-title, 39 p. diagr. 24 cm.
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67. Benedict, Suzan Rose.

A comparative study of the early treatises introducing into Europe the Hindu art of reckoning . . . [Concord, N. H., The Rumford press, 1916]

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68. Bigelow, Harriet W.

. . . Declinations of certain north polar stars determined with the meridian circle . . . Washington, D. C., The Academy, 1905.

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69. Blanchard, Frank Nelson.

. . . A revision of the king snakes: genus Lampropeltis . . . Washington, Govt. print. off., 1921.

vi, 260 p. illus. (incl. maps) 2 fold. pl., diagrs. 24½ cm. (Smithsonian institution. United States National museum. Bulletin 114)
Bibliography: p. 255–258.
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70. Bohn, William Edward.

The development of John Dryden's literary criticism . . . [Baltimore, Md.] Modern language association of America, 1907.

[55]-139 p. 23½ cm.
Thesis (Ph.D.)—University of Michigan, 1907.
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71. Bordner, John Serenus.

The influence of traction on the formation of mechanical tissue in the stems of plants . . . [Chicago, 1909]

1 p. l., 251–274 p. incl. x tab. 25 cm.
Thesis (Ph.D.)—University of Michigan, 1908.
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72. Boucher, Chauncey Samuel.

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73. Bradley, Glenn Danford.

The story of the Santa Fe . . . Boston, R. G. Badger [1920]

288 p. front., plates, ports. 20½ cm. [Frontiers of America]
Thesis (Ph.D.)—University of Michigan, 1915.
Maps on lining-papers.
Published also without thesis note.
"Source materials": p. 272–279.

74. Brandes, Elmer Walker.

Banana wilt. . . . [Baltimore, 1919]

1 p. l., [339]–389, [1] p. illus., pl. xxi-xxxiv (part col.) 26½ cm.
Thesis (Ph.D.)—University of Michigan, 1919.
"Reprinted from Phytopathology, vol. ix, no. 9, September, 1919."
"Literature cited": p. 388–389. o. p.

75. Breitenbach, Harold Prell.

The De compositione of Dionysius of Halicarnassus considered with reference to the Rhetoric of Aristotle . . . [Chicago, University of Chicago press, 1911]

1 p. l., 163–179 p. 24 cm.
Thesis (Ph.D.)—University of Michigan, 1909.
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"This essay has been abridged and revised from a dissertation which was accepted by the Faculty of the Department of literature, science, and the arts of the University of Michigan."

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. . . Assimilation of organic nitrogen by Zea mays and the influence of Bacillus subtilis on such assimilation . . . [Baltimore, 1917]

cover-title, 155–195, [1] p., 1 l. II pl., diagrs. 25½ cm.
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A study of the formation of pyrimidines by the use of nitromalonic aldehyde . . . [Ann Arbor] Ann Arbor press, 1912.

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[Thesis (Ph.D.)—University of Michigan, 1898]
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80. Burrows, Charles William.

. . . The best method of demagnetizing iron in magnetic testing . . . [September 3, 1907] . . . Washington, Govt. print. off., 1908.

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[Thesis (Ph.D.)—University of, Michigan, 1907]
At head of title: Department of commerce and labor. Bureau of standards. S. W. Stratton, director.

81. Butler, Orma Fitch.

Studies in the life of Heliogabalus . . . New York, London, The Macmillan company, 1908.

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86. Clover, Alphonso Morton.

A study of the peroxides of organic acids . . . Easton, Pa., The Chemical publishing company, 1904.

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Some ethical aspects of later Elizabethan tragedy; preceded by an examination of Aristotle's theory of tragedy . . . Ann Arbor, Printed for the author, 1886.

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